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Appl. No 10/653,838

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): An image measuring system for obtaining measurement data on an object by processing images thereof, the image measuring system comprising:

an image obtaining device for obtaining a first image of ~~[[an]]~~ a measured object ~~to be measured~~ and a second image of a standard object; and

a measurement computer linked to the image obtaining device via a communication network, for processing the first image and the second image to obtain measurement data on the measured object, the measurement computer comprising an image processing module, the image processing module comprising:

~~an image obtaining module for obtaining the first image and the second image;~~

~~an image processing module for processing the first image and the second image, and for obtaining basic data needed in measuring the object; and~~

~~an image measuring module for computing an actual size of the object based on the basic data~~

a format conversion sub-module for converting data formats of the first and second images into data formats which can be identified by the measurement computer;

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a proportion conversion sub-module for computing a conversion proportion based on an actual size of the measured object and an image size of the standard object;

a border processing sub-module for ascertaining borders of different parts of the measured object according to different lattice densities in the first image;  
and

an image adjusting sub-module for adjusting the first image according to different camera lens focuses of the image obtaining device.

Claim 2 (original): The image measuring system as claimed in claim 1, wherein the image obtaining device is a digital camera.

Claim 3 (original): The image measuring system as claimed in claim 1, wherein the first image and the second image are obtained under the same conditions.

Claims 4-5 (canceled)

Claim 6 (currently amended): An image measurement method for obtaining measurement data on an object by processing images thereof, the method comprising the steps of:

(a) obtaining a first image of ~~[[an]] a measured object to be measured~~ and ~~[[an]] a second image of [[an]] a standard object from an image obtaining device;~~

(b) converting data formats of the first image and the second image into data formats which can be identified by a measurement computer, and computing a conversion proportion based on an actual size of the measured object and an image size of the standard object; ~~and~~

(c) ascertaining borders of different parts of the measured object according to different lattice densities in the first image;

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(d) adjusting the first image according to a focus of a camera lens of the image obtaining device;

(e) measuring sizes of different parts of the measured object in the first image, and ~~computing actual sizes of the parts~~ according to the conversion proportion; and

(f) obtaining measurement data on the measured object that comprises the borders and the sizes of the different parts of the measured object.

Claim 7 (currently amended): The image measuring method as claimed in claim 6, wherein the first and second images are obtained by a digital camera.

Claims 8-10 (canceled)

Claim 11 (new): The image measuring method as claimed in claim 6, further comprising the steps of:

determining whether the measurement data are correct; and

repeating step (c) through step (e), if the measurement data are incorrect;

or

applying the measurement data to improve production procedures in manufacturing the measured object, if the measurement data are correct.

Claim 12 (new): The image measuring system as claimed in claim 1, wherein the measurement computer further comprises an image obtaining module for obtaining the first image and the second image from the image obtaining device.

Claim 13 (new): The image measuring system as claimed in claim 1, wherein the measurement computer further comprises an image measuring module for measuring the first image processed by the image processing module to obtain the measurement data on the measured object.